

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	152	"30"/\$.ccls. and suction and hair and blade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/11 14:30
L5	1	("4628601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/11 14:32
L6	1	("4974321").URPN.	USPAT	OR	OFF	2006/11/11 14:33
L7	12	("2946123"   "3440681"   "3900949"   "3975821"   "3979825"   "4030196"   "4150483"   "4216581"   "4590675"   "4628601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/11 14:34
L8	4	("2946123").URPN.	USPAT	OR	OFF	2006/11/11 14:35
L9	6	("1506139").URPN.	USPAT	OR	OFF	2006/11/11 14:38
L10	2022	30/133,201,41.5,124.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/11 14:39
S1	7	("3331130" "4843717").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/21 20:23
S2	7	("3331130").URPN.	USPAT	OR	OFF	2006/02/21 20:24
S3	12	("3280456"   "3331130"   "3603295"   "3686514"   "4077122"   "4216581"   "4535264"   "4584964"   "4843717"   "4992691").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/21 20:27
S4	4	("3280456").URPN.	USPAT	OR	OFF	2006/02/21 20:28
S5	3	("6279234").URPN.	USPAT	OR	OFF	2006/02/21 20:28
S6	21	("2864162"   "3178815"   "3452435"   "3999295"   "5185931"   "5237750"   "6098289"   "6151780"   "6219920"   "6226869"   "6276060"   "6279234"   "6308414"   "6317982"   "6381849"   "6421922"   "6442840"   "6502309").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/21 20:29

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S7	18	("1331218"   "1506139"   "2914849"   "3302286"   "3331130"   "3368277"   "3979825"   "4000562"   "4005526"   "4030196"   "4150483"   "4216581").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/21 20:32
S8	6	("1404798"   "1423363"   "3353265").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/21 20:34
S9	10	("4628601").URPN.	USPAT	OR	OFF	2006/02/21 20:40
S10	341	30/133.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 20:40
S11	9	("1238061"   "2753434"   "4097722"   "4150483"   "4198556"   "4210162"   "4219931").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/22 11:17
S12	2	("3241234").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/22 11:26
S13	12	("3678579").URPN.	USPAT	OR	OFF	2006/02/22 11:26
S14	15	("3440681").URPN.	USPAT	OR	OFF	2006/02/22 11:29
S15	12	("2946123"   "3440681"   "3900949"   "3975821"   "3979825"   "4030196"   "4150483"   "4216581"   "4590675"   "4628601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/22 11:31
S16	4	("2946123").URPN.	USPAT	OR	OFF	2006/02/22 11:34
S17	12	("2946123"   "3440681"   "3900949"   "3975821"   "3979825"   "4030196"   "4150483"   "4216581"   "4590675"   "4628601").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/22 11:35
S18	4	("2946123").URPN.	USPAT	OR	OFF	2006/02/22 11:41
S19	2	("2914849").URPN.	USPAT	OR	OFF	2006/02/22 13:01
S20	2	US-3331130-\$.DID. OR US-4843717-\$.DID.	USPAT	OR	OFF	2006/02/22 13:01
S21	6	("1506139").URPN.	USPAT	OR	OFF	2006/02/22 13:16
S22	4	("3279023").URPN.	USPAT	OR	OFF	2006/02/22 13:21
S23	1	("2946122").URPN.	USPAT	OR	OFF	2006/02/22 13:23
S24	2	("2807086").URPN.	USPAT	OR	OFF	2006/02/22 13:26
S25	2	("2323046").URPN.	USPAT	OR	OFF	2006/02/22 18:17

## EAST Search History

S26	1285	"83"/\$.ccls. and (leaf near spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 18:30
S27	639	"83"/\$.ccls. and (leaf near spring) and (valve or cap or cover)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 18:45
S28	570	"83"/\$.ccls. and (leaf near spring) and (valve or cab or cover)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 18:30
S29	16	"83"/\$.ccls. and (leaf near spring) and (valve or cap or cover) and mn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 18:38
S30	0	"83"/\$.ccls. and (leaf near spring) same (valve or cap or cover or door) and (mn near2 ("10" or "20" or "30" or "50"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 18:46
S31	12	(leaf near spring) same (valve or cap or cover or door) and (mn near2 ("10" or "20" or "30" or "50"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 18:48
S32	17	(leaf near spring) same (valve or cap or cover or door) and (mn near4 ("10" or "20" or "30" or "50"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 18:49
S33	377	spring same (valve or cap or cover or door) and (mn near4 ("10" or "20" or "30" or "50"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 18:52

## EAST Search History

S34	9	(spring near force) same (mn near ("10" or "20" or "30" or "50"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 18:56
S35	13	(spring near2 force) same (mn near ("10" or "20" or "30" or "50"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 19:01
S36	19	(spring near2 (force or tension)) same (mn near ("10" or "20" or "30" or "50"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 19:58
S37	1335	"30"/\$.ccls. and (spring near2 (force or tension)) and (cover or door)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 20:05
S38	192	"30"/\$.ccls. and (spring near2 (force or tension)) and guard same saw	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 20:09
S39	277	"83"/\$.ccls. and (spring near2 (force or tension)) and guard same saw	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 20:09
S40	0	diamond near scriper	USPAT	OR	OFF	2006/02/23 10:42
S41	75	diamond near scriber	USPAT	OR	OFF	2006/02/23 17:06
S42	4	"6032566"	USPAT	OR	OFF	2006/02/23 17:07
S43	1181	30/133,201,41.5,124.ccls.	USPAT	OR	OFF	2006/11/11 14:39
S44	6	("1572644"   "20020073549"   "5075971"   "5261161"   "5724736").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 14:49
S45	3	("2002/0073549").URPN.	USPAT	OR	OFF	2006/08/17 14:50
S46	0	("7076878").URPN.	USPAT	OR	OFF	2006/08/17 14:50
S47	0	("7024778").URPN.	USPAT	OR	OFF	2006/08/17 14:50

## EAST Search History

S48	3	("5884402"   "6588108"   "6883237").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 14:50
S49	14	("2748472"   "3331130"   "3348308"   "3384919"   "3440681"   "5088199"   "5881462"   "5924202"   "6076263").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 14:53
S50	22	("2653380"   "2748472"   "3073026"   "3217407"   "3295200"   "3331130"   "3348308"   "3368277"   "3384919"   "3440681"   "3797111"   "5088199").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 14:55
S51	7	("3331130").URPN.	USPAT	OR	OFF	2006/08/17 15:00
S52	18	("1331218"   "1506139"   "2914849"   "3302286"   "3331130"   "3368277"   "3979825"   "4000562"   "4005526"   "4030196"   "4150483"   "4216581").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 17:08
S53	0	"10518263"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 17:08